

EXAMPLES OF BENEFICIAL DISCUSSION

Glass Canister and Melter Program -

Event - Dropped hot glass canister after filling it

Potential - Safety issue and equipment damage

Lesson Learned - Failure to consider change in friction coefficient with temperature of lifting wrapping material

Superlig Ion Exchange Program -

Event - Ion Exchange bed began to rise in Superlig half scale column test

Potential - Negate test results requiring restart

Lessons Learned - Had JTG in place. Failure to anticipate event and recovery action

Melter Off Gas System Testing -

Event - Equipment problems with test operations

Potential - negate test results and require effort to resolve issue

Lessons Learned - Be very careful of the design of non-prototypic equipment

Understand the critical factors when equipment is scaled (especially heat transfer)

Large Scale Antifoam Testing -

Event - Simulant Issues (algae growth scale-up Issues)

Potential - Negate results, program delays

Lessons Learned - Scale up of simulant production can alter properties. Watch for trace contaminants especially in shipping containers.

Isolok Sampler Testing -

Event - Leakage of septum on sample bottles

Potential - Require redesign and retest

Lessons Learned - Ensure parts manufacturing and testing at one location is similar at the other location.